

**XP-002205047**

**AN - 1985-281956 [45]**

**AP - SU19823659582 19820317**

**CPY - UYKA**

**DC - P14 P34 S05 X25**

**FS - GMPI;EPI**

**IC - A01K41/00 ; A61N5/00**

**IN - INYUSHIN V M; KUZNETSOV A F; SHABAEV V P**

**MC - S05-A03A X25-N02**

**PA - (UYKA ) UNIV KAZA**

**PN - SU1153860 A 19850507 DW198545 003pp**

**PR - SU19823459582 19820317; SU19823659582 19820317**

**XIC - A01K-041/00 ; A61N-005/00**

**XP - N1985-210317**

**AB - SU1153860** The method, esp. for promoting embryo development during incubation, involves treating the eggs with light pulses. The light pulses are in the form of coherent electromagnetic oscillations with between one-tenth and one-fifteenth of the eggs' total mass being treated between the first and fifteenth days of incubation. The coherent electromagnetic oscillations are provided by a helium-neon laser at a strength of 0.015-0.020W/cm<sup>2</sup>, a pulse duration of 1-1.5 sec. and exposure of 15.102J/cm<sup>2</sup> per egg.

- **ADVANTAGE** - Faster embryonic and post-embryonic development.  
Bul.17/7.5.84 (3pp Dwg.No.0/0)

**IW - DUCK EGG PROCESS LIGHT PULSE INCUBATE PULSE HELIUM NEON LASER FORM COHERE ELECTROMAGNET OSCILLATING**

**IKW - DUCK EGG PROCESS LIGHT PULSE INCUBATE PULSE HELIUM NEON LASER FORM COHERE ELECTROMAGNET OSCILLATING**

**INW - INYUSHIN V M; KUZNETSOV A F; SHABAEV V P**

**NC - 001**

**OPD - 1982-03-17**

**ORD - 1985-05-07**

**PAW - (UYKA ) UNIV KAZA**

**TI - Duck egg processing using light pulses during incubation - providing pulses with helium-neon laser in form of coherent electromagnetic oscillations**